

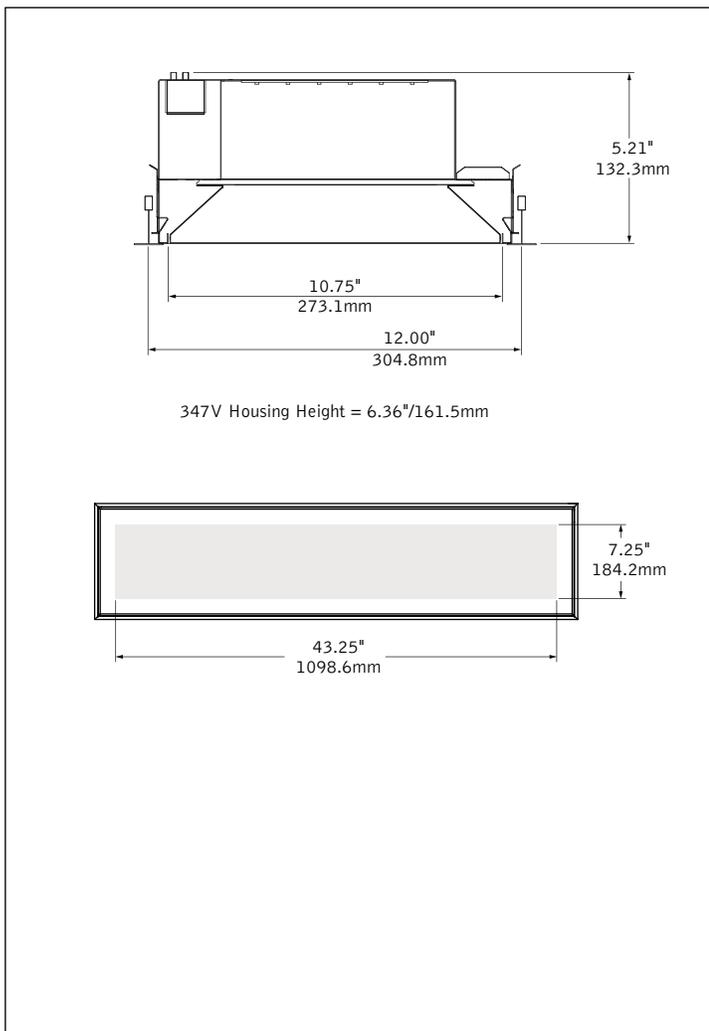
# Zephyr<sup>®</sup> 1x4

LED



detail

## DIMENSIONAL DATA



## FEATURES

Architectural recessed 1'x4' with unique floating diffuser.

Lens element features an optical microstructure providing glare control and high levels of efficiency.

Zephyr features a one-piece, hinged bezel assembly that is easily removed for ease of maintenance.

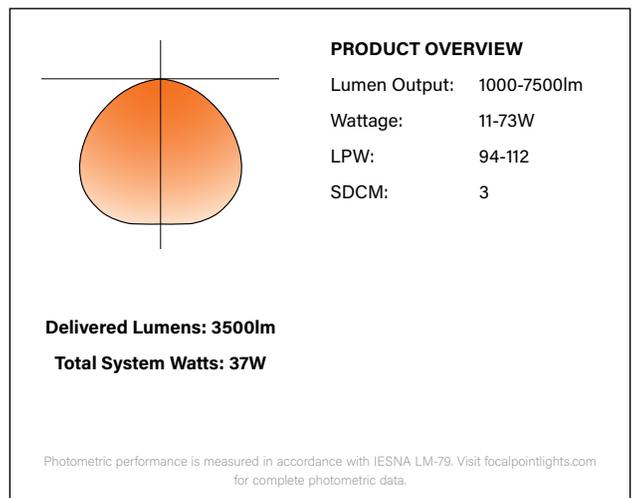
Standard Right Light levels from 1,000 to 7,500 lumens.

Dimming options include DALI, 0-10V and Lutron EcoSystem.

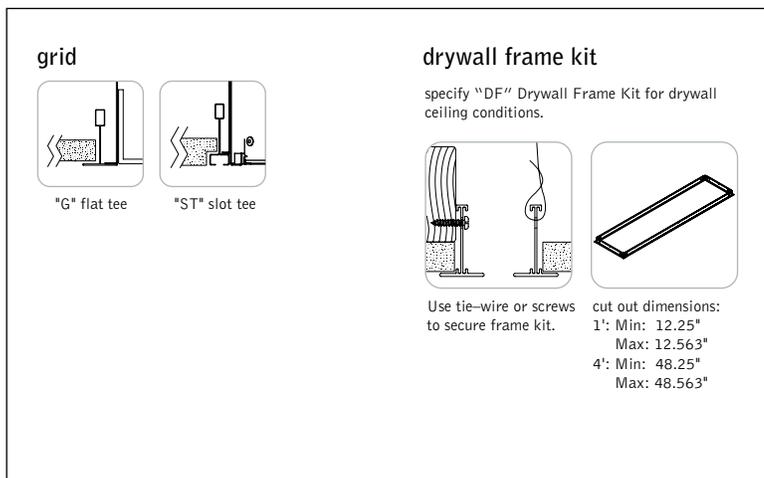
Connected Solutions: Integrates with wired and wireless building lighting control systems.

PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

## PERFORMANCE



**DETAILS**



**SPECIFICATIONS**

**LED System**

Proprietary linear LED module incorporates premium LEDs on a robust platform to achieve excellent thermal management. LEDs are placed to promote a uniform appearance. Available in 2700K, 3000K, 3500K or 4000K with CRI>80 or CRI>90. 3500K and 4000K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. 0-10V dimming driver standard. LED modules and drivers are replaceable from below. Color accuracy <3 SDCM.

**Construction**

24 Ga. steel housing. Bottom access 24 Ga. steel driver compartment. Positional brackets supplied as standard. Weight: 16 lbs.

**Optic**

24 Ga. Steel reflectors finished in matte satin white powder coat. Layered lens system includes .020" thick frosted acrylic and .080" clear acrylic with optical microstructure.

**Electrical**

Standard 120-277V driver includes 0-10V analog dimming, 100% - 10% range. Power factor > .9. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

**Emergency**

Emergency battery output—10 watts for 90 minutes. Maximum mounting height: 23.9ft  
Emergency Circuit with Connected Solutions (WSPC, WSPS, NLT1, NXE1, WLXP) requires a UL924 compliant device, consult factory.

**Labels**

UL and cUL listed. Suitable for Dry or Damp Locations, indoor use only.

**Finish**

Polyester powder coat applied over a 5-stage pre-treatment.

**Lumen Maintenance**

Reported: L70 at 42,000 hours                      Calculated: L70 at 115,000 hours  
Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional data.

**Reliability**

At Focal Point, our products are designed to stand the test of time. Each luminaire is engineered using superior components, manufactured with the utmost care and rigorously tested. Contact us for reliability data.

**Lifetime and warranty**

LED system rated for operation in ambient environments up to 35°C. 5-year limited warranty.

**PERFORMANCE CHART**

Delivered Lumens	Tested System Watts	LPW	Delivered Lumens	Tested System Watts	LPW
1000	11	94	5000	46	109
1500	15	100	5500	51	108
2000	20	105	6000	58	106
2500	25	102	6500	61	106
3000	30	100	7000	67	104
3500	37	97	7500	73	104
4000	44	94			
4500	40	112			

Based on 3500K, 80 CRI. Lumen multipliers:  
Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

Focal Point LLC reserves the right to change specifications for product improvement without notification.

**ORDERING**

Luminaire Series	FZR
Zephyr	FZR
<b>Nominal Size</b>	<b>14</b>
1' x 4'	14
<b>Shielding</b>	<b>FL</b>
Frosted Lens	FL
<b>Lumen Output</b>	
1000 Lumens	1000L
1500 Lumens	1500L
2000 Lumens	2000L
2500 Lumens	2500L
3000 Lumens	3000L
3500 Lumens	3500L
4000 Lumens	4000L
4500 Lumens	4500L
5000 Lumens	5000L
5500 Lumens	5500L
6000 Lumens	6000L
6500 Lumens	6500L
7000 Lumens	7000L
7500 Lumens	7500L
<b>Color Temperature</b>	
2700K, 80+ CRI or 90+ CRI	27K or 927K
3000K, 80+ CRI or 90+ CRI	30K or 930K
3500K, 80+ CRI or 90+ CRI	35K or 935K
4000K, 80+ CRI or 90+ CRI	40K or 940K
<b>Circuits</b>	<b>1C</b>
Single Circuit	1C
<b>Voltage</b>	
UNV 120/277 Volt	UNV
347 Volt	347
<small>(LD1, WSPC only. Not available with EM)</small>	
Low Voltage	LV
<b>Control System &amp; Dimming Level</b>	
0-10V - 10% Dimming	LD1
0-10V - 1% Dimming	L11
Low Voltage, PoE compatible	LVN
<small>(No driver. Not available with EM or EC. LV Voltage only.)</small>	
Lutron Hi-Lume EcoSystem (LDE1) -	LH1
1% Dimming	
DALI - 1% Dimming	D11
Step Dimming	SD5
<small>(120/277 only.)</small>	
Wattstopper PLUS:	WSPC
Connected Light Module	
<small>(0-10V standard. Consult factory for DALI.)</small>	
Wattstopper PLUS:	WSPS
SensILUM Wireless Sensor	
<small>(Remote mounted sensor. 0-10V standard. Consult factory for DALI.)</small>	
Acuity nLight - 1% Dimming	NLT1
<small>(Not available with CP.)</small>	
Current NX Enabled - 1% Dimming	NXE1
<small>(Not available with CP.)</small>	
WaveLinX Pro - 1% Dimming	WLXP
<small>(Remote mounted sensor.)</small>	
<b>Mounting</b>	
Drywall Frame Kit	F
<small>(Not available with WSPC, NXE1 or NLT1)</small>	
Grid	G
Slot Tee	ST
<b>Factory Options</b>	
Air Return	AR
<small>(Housing height 5.78in/146.7mm. Not compatible with Drywall Frame Kit.)</small>	
Chicago Plenum	CP
<small>(Not available with flex whip)</small>	
Emergency Battery	EM
<small>(120/277 only.)</small>	
6' New York City Flex Whip (120V)	FNY1
6' New York City Flex Whip (277V)	FNY2
6' Flex Whip	FW
<b>Finish</b>	<b>WH</b>
Matte White Housing	WH

Focal Point provides broad flexibility through compatibility with a wide range of indoor lighting control systems. A variety of sensors, nodes, controllers, and drivers can be specified to scale the system and meet the needs of each application across both wired and wireless networks.

Features such as daylight harvesting, occupancy sensing, dimming, and switching help save energy, reduce costs, and enhance occupant comfort. All Connected Solutions luminaires require a compatible building control system.

*Controls systems supplied by others. For performance data and additional control system details, please visit the connected solutions manufacturers websites.*

Connected Solution	Ordering Code	Model #	Protocol	Compatible Networks (Not all compatible networks may be listed.)	Description	Occupancy & Daylight	Communication to Luminaire	Drivers (Primary drivers are listed in bold. To specify a particular driver please consult factory.)	Driver Type
WATTSTOPPER®									
	WSPC	EN-ZBHA-CLM-DIM	ZigBee	Wattstopper PLUS	Node	Enabled†	Wireless	<b>Advance by Signify</b>	0-10V standard, consult factory for DALI
	WSPS	EN-CLM-PIR-DD-ZB	ZigBee	Wattstopper PLUS	Sensor	Integrated (remote)*	Wireless	<b>Advance by Signify</b>	0-10V standard, consult factory for DALI
	WLXP	OEM-WAA	WaveLinx Wireless	WaveLinx Pro Trellix	Sensor	Integrated (remote)*	Wireless (WaveLinx Pro Wireless Area Controller)	<b>Advance by Signify</b>	<b>0-10V</b>
	NXE1	NXFM2-LV	NX	NX Distributed Intelligence	Controller	Enabled†	Wired	<b>Optotronic by eldoLED</b>	0-10V
	NLT1	nEPS-60-IO	nLight	nLight	Controller	Enabled†	Wired	<b>eldoLED ECOdrive, eldoLED SOLOdrive</b>	0-10V

†Enabled: Luminaire supplied with a node/controller. Sensor to be provided by others.

\*Integrated (remote): Luminaire supplied with a sensor to be installed in a remote location by others.